

FILE 'HOME' ENTERED AT 13:55:32 ON 24 MAY 2003

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FILE 'MEDLINE' ENTERED AT 13:55:41 ON 24 MAY 2003

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s (John, S.? or John S.?) /au

138 JOHN, S. ? /AU

138 JOHN S. ? /AU

L1 138 (JOHN, S. ? OR JOHN S. ?) /AU

=> s (Dirk, S.? or Dirk S.?) /au

3 DIRK, S. ? /AU

3 DIRK S. ? /AU

L2 3 (DIRK, S. ? OR DIRK S. ?) /AU

=> d L2 1-3

L2 ANSWER 1 OF 3 MEDLINE

AN 2002234007 MEDLINE

DN 21968298 PubMed ID: 11971792

TI Molecular wires, switches, and memories.

AU Chen J; Wang W; Klemic J; Reed M A; Axelrod B W; Kaschak D M; Rawlett A M;

Price D W; **Dirk S M**; Tour J M; Grubisha D S; Bennett D W

CS Department of Electrical Engineering, Yale University, P.O. Box 208284, New Haven, Connecticut 06520, USA.. [chenjia@us.ibm.com](mailto:chenjia@us.ibm.com)

SO ANNALS OF THE NEW YORK ACADEMY OF SCIENCES, (2002 Apr) 960 69-99, Journal code: 7506858. ISSN: 0077-8923.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200206

ED Entered STN: 20020425

Last Updated on STN: 20020605

Entered Medline: 20020604

L2 ANSWER 2 OF 3 MEDLINE

AN 2002048533 MEDLINE

DN 21631460 PubMed ID: 11775685

TI Synthesis and preliminary testing of molecular wires and devices.

AU Tour J M; Rawlett A M; Kozaki M; Yao Y; Jagessar R C; **Dirk S M**;

Price D W; Reed M A; Zhou C W; Chen J; Wang W; Campbell I

CS Department of Chemistry and Center for Nanoscale Science and Technology, Rice University, Houston, TX 77005, USA.. [tour@rice.edu](mailto:tour@rice.edu)

SO CHEMISTRY, (2001 Dec 3) 7 (23) 5118-34.

Journal code: 9513783. ISSN: 0947-6539.

CY Germany; Germany, Federal Republic of

DT Journal; Article; (JOURNAL ARTICLE)

LA English  
 EM 200203  
 ED Entered STN: 20020125  
 Last Updated on STN: 20020307  
 Entered Medline: 20020305

L2 ANSWER 3 OF 3 MEDLINE  
 AN 2001404279 MEDLINE  
 DN 21350043 PubMed ID: 11456907  
 TI Determination of the molecular electrical properties of self-assembled monolayers of compounds of interest in molecular electronics.  
 AU Fan F R; Yang J; **Dirk S M**; Price D W; Kosynkin D; Tour J M; Bard A J  
 CS Department of Chemistry and Biochemistry The University of Texas at Austin, Austin, Texas 78712, USA.  
 SO JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, (2001 Mar 14) 123 (10) 2454-5.  
 Journal code: 7503056. ISSN: 0002-7863.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 EM 200108  
 ED Entered STN: 20010820  
 Last Updated on STN: 20010820  
 Entered Medline: 20010816

=> s IL-1 receptor accessory protein?  
 111195 IL  
 1008 ILS  
 112074 IL  
 (IL OR ILS)  
 3001287 1  
 421815 RECEPTOR  
 462072 RECEPTORS  
 598534 RECEPTOR  
 (RECEPTOR OR RECEPTORS)  
 20174 ACCESSORY  
 466 ACCESSORIES  
 20603 ACCESSORY  
 (ACCESSORY OR ACCESSORIES)  
 1523893 PROTEIN?  
 L3 45 IL-1 RECEPTOR ACCESSORY PROTEIN?  
 (IL(W)1(W)RECEPTOR(W)ACCESSORY(W)PROTEIN?)

=> d L3 1-45

L3 ANSWER 1 OF 45 MEDLINE  
 AN 2003024851 MEDLINE  
 DN 22419343 PubMed ID: 12530978  
 TI The soluble form of **IL-1 receptor accessory protein** enhances the ability of soluble type II IL-1 receptor to inhibit IL-1 action.  
 AU Smith Dirk E; Hanna Roberta; Della Friend; Moore Heather; Chen Hongbo; Farese Ann M; MacVittie Thomas J; Virca G Duke; Sims John E  
 CS Amgen Corporation, 51 University Street, Seattle, WA 98101, USA.  
 SO IMMUNITY, (2003 Jan) 18 (1) 87-96.  
 Journal code: 9432918. ISSN: 1074-7613.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-AY182232; GENBANK-AY182233; GENBANK-AY182234  
 EM 200302

ED Entered STN: 20030118  
Last Updated on STN: 20030302  
Entered Medline: 20030228

L3 ANSWER 2 OF 45 MEDLINE  
AN 2002661926 MEDLINE  
DN 22309199 PubMed ID: 12421347  
TI Expression of interleukin-1 receptors and their role in interleukin-1 actions in murine microglial cells.  
AU Pinteaux Emmanuel; Parker Lisa C; Rothwell Nancy J; Luheshi Giamal N  
CS School of Biological Sciences, University of Manchester, Manchester, UK.. emmanuel.pinteaux@man.ac.uk  
SO JOURNAL OF NEUROCHEMISTRY, (2002 Nov) 83 (4) 754-63.  
Journal code: 2985190R. ISSN: 0022-3042.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200212  
ED Entered STN: 20021108  
Last Updated on STN: 20021227  
Entered Medline: 20021224

L3 ANSWER 3 OF 45 MEDLINE  
AN 2002612260 MEDLINE  
DN 22241878 PubMed ID: 12138165  
TI Identification of threonine 66 as a functionally critical residue of the interleukin-1 receptor-associated kinase.  
AU Ross Kehinde; Yang Lin; Dower Steve; Volpe Filippo; Guesdon Francois  
CS Division of Genomic Medicine, University of Sheffield, M Floor, Royal Hallamshire Hospital, Glossop Road, Sheffield S10 2JF, United Kingdom.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Oct 4) 277 (40) 37414-21.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200211  
ED Entered STN: 20021010  
Last Updated on STN: 20030105  
Entered Medline: 20021120

L3 ANSWER 4 OF 45 MEDLINE  
AN 2002253063 MEDLINE  
DN 21988196 PubMed ID: 11880380  
TI Identification of essential regions in the cytoplasmic tail of interleukin-1 receptor accessory protein critical for interleukin-1 signaling.  
AU Radons Jurgen; Gabler Stefan; Wesche Holger; Korherr Christian; Hofmeister Robert; Falk Werner  
CS Klinik und Poliklinik fur Innere Medizin I, Universitat Regensburg, D-93042 Regensburg, Germany.. juergen.radons@klinik.uni-regensburg.de  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 May 10) 277 (19) 16456-63.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200206  
ED Entered STN: 20020507  
Last Updated on STN: 20030105  
Entered Medline: 20020613

L3 ANSWER 5 OF 45 MEDLINE  
 AN 2001677094 MEDLINE  
 DN 21579970 PubMed ID: 11723165  
 TI IL-10 and IL-4 regulate type-I and type-II IL-1 receptors expression on IL-1 beta-activated mouse primary astrocytes.  
 AU Pousset F; Cremona S; Dantzer R; Kelley K W; Parnet P  
 CS INRA-INSERM U394, Institut F. Magendie, Bordeaux, France.  
 SO JOURNAL OF NEUROCHEMISTRY, (2001 Nov) 79 (4) 726-36.  
 Journal code: 2985190R. ISSN: 0022-3042.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200112  
 ED Entered STN: 20011128  
 Last Updated on STN: 20020123  
 Entered Medline: 20011220

L3 ANSWER 6 OF 45 MEDLINE  
 AN 2001570213 MEDLINE  
 DN 21536096 PubMed ID: 11678721  
 TI Lessons from interleukin-deficient mice: the interleukin-1 system.  
 AU Fantuzzi G  
 CS University of Colorado Health Sciences Center, Denver, CO 80262, USA.  
 SO ACTA PHYSIOLOGICA SCANDINAVICA, (2001 Sep) 173 (1) 5-9. Ref: 37  
 Journal code: 0370362. ISSN: 0001-6772.  
 CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW LITERATURE)  
 LA English  
 FS Priority Journals  
 EM 200112  
 ED Entered STN: 20011029  
 Last Updated on STN: 20020124  
 Entered Medline: 20011231

L3 ANSWER 7 OF 45 MEDLINE  
 AN 2001357659 MEDLINE  
 DN 21311601 PubMed ID: 11418113  
 TI Model of interaction of the **IL-1 receptor accessory protein** IL-1RAcP with the IL-1beta/IL-1R(I) complex.  
 AU Casadio R; Frigimelica E; Bossu P; Neumann D; Martin M U; Tagliabue A; Boraschi D  
 CS Laboratory of Biocomputing, University of Bologna, Italy..  
 casadio@alma.unibo.it  
 SO FEBS LETTERS, (2001 Jun 15) 499 (1-2) 65-8.  
 Journal code: 0155157. ISSN: 0014-5793.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200107  
 ED Entered STN: 20010730  
 Last Updated on STN: 20010730  
 Entered Medline: 20010726

L3 ANSWER 8 OF 45 MEDLINE  
 AN 2001352157 MEDLINE  
 DN 21309285 PubMed ID: 11416133  
 TI Transactivation by the p65 subunit of NF-kappaB in response to interleukin-1 (IL-1) involves MyD88, IL-1 receptor-associated kinase 1,

TRAF-6, and Rac1.  
 AU Jefferies C; Bowie A; Brady G; Cooke E L; Li X; O'Neill L A  
 CS Department of Biochemistry and Biotechnology Institute, Trinity College,  
 Dublin 2, Ireland.. jefferca@tcd.ie  
 SO MOLECULAR AND CELLULAR BIOLOGY, (2001 Jul) 21 (14) 4544-52.  
 Journal code: 8109087. ISSN: 0270-7306.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200107  
 ED Entered STN: 20010730  
 Last Updated on STN: 20010730  
 Entered Medline: 20010726

L3 ANSWER 9 OF 45 MEDLINE  
 AN 2001239595 MEDLINE  
 DN 21232858 PubMed ID: 11334618  
 TI The clinical phenotype in institutionalised adult males with X-linked  
 mental retardation (XLMR).  
 AU Van Buggenhout G J; Trommelen J C; Brunner H G; Hamel B C; Fryns J  
 CS Centre for Human Genetics, University of, Leuven, Belgium.  
 SO ANNALES DE GENETIQUE, (2001 Jan-Mar) 44 (1) 47-55.  
 Journal code: 0370562. ISSN: 0003-3995.  
 CY France  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200106  
 ED Entered STN: 20010625  
 Last Updated on STN: 20010625  
 Entered Medline: 20010621

L3 ANSWER 10 OF 45 MEDLINE  
 AN 2001166836 MEDLINE  
 DN 21166406 PubMed ID: 11268342  
 TI Mechanisms of behavioral and neuroendocrine effects of interleukin-1 in  
 mice.  
 AU Neveu P J; Liege S  
 CS Neurobiologie Integrative, INSERM Unit 394, Institut Francois Magendie,  
 rue Camille Saint-Saens, 33077 Bordeaux, France..  
 pierre.neveu@bordeaux.inserm.fr  
 SO ANNALS OF THE NEW YORK ACADEMY OF SCIENCES, (2000) 917 175-85. Ref: 39  
 Journal code: 7506858. ISSN: 0077-8923.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 200104  
 ED Entered STN: 20010425  
 Last Updated on STN: 20010425  
 Entered Medline: 20010419

L3 ANSWER 11 OF 45 MEDLINE  
 AN 2001149195 MEDLINE  
 DN 21103889 PubMed ID: 11158262  
 TI Dexamethasone up-regulates type II IL-1 receptor in mouse primary  
 activated astrocytes.  
 AU Pousset F; Cremona S; Dantzer R; Kelley K W; Parnet P  
 CS INSERM U.394, Institut F. Magendie, Bordeaux, France.  
 SO JOURNAL OF NEUROCHEMISTRY, (2001 Feb) 76 (3) 901-9.

Journal code: 2985190R. ISSN: 0022-3042.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200103  
ED Entered STN: 20010404  
Last Updated on STN: 20010404  
Entered Medline: 20010315

L3 ANSWER 12 OF 45 MEDLINE  
AN 2001098522 MEDLINE  
DN 20568290 PubMed ID: 11007768  
TI Reversal of autocrine and paracrine effects of interleukin 1 (IL-1) in human arthritis by type II IL-1 decoy receptor. Potential for pharmacological intervention.  
AU Attur M G; Dave M; Cipolletta C; Kang P; Goldring M B; Patel I R; Abramson S B; Amin A R  
CS Department of Rheumatology, Hospital for Joint Diseases, New York, New York 10003, USA.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Dec 22) 275 (51) 40307-15.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200102  
ED Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20010201

L3 ANSWER 13 OF 45 MEDLINE  
AN 2001051316 MEDLINE  
DN 20477815 PubMed ID: 11022128  
TI Interleukin-1 signaling in mouse astrocytes involves Akt: a study with interleukin-4 and IL-10.  
AU Pousset F; Dantzer R; Kelley K W; Parnet P  
CS INSERM U. 394, 1, rue Camille-Saint-Saens, 33077 Bordeaux Cedex, France.  
NC DK-4931 (NIDDK)  
MH-51569 (NIMH)  
SO EUROPEAN CYTOKINE NETWORK, (2000 Sep) 11 (3) 427-34.  
Journal code: 9100879. ISSN: 1148-5493.  
CY France  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200012  
ED Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20001212

L3 ANSWER 14 OF 45 MEDLINE  
AN 2000261666 MEDLINE  
DN 20261666 PubMed ID: 10799889  
TI IL-1 signaling cascade in liver cells and the involvement of a soluble form of the **IL-1 receptor accessory protein**.  
AU Jensen L E; Muzio M; Mantovani A; Whitehead A S  
CS Department of Pharmacology, Center for Pharmacogenetics, University of Pennsylvania School of Medicine, Philadelphia, PA 19104, USA..  
jensen@pharm.med.upenn.edu  
SO JOURNAL OF IMMUNOLOGY, (2000 May 15) 164 (10) 5277-86.  
Journal code: 2985117R. ISSN: 0022-1767.

CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Abridged Index Medicus Journals; Priority Journals  
 OS GENBANK-AF167333; GENBANK-AF167334; GENBANK-AF167335; GENBANK-AF167336;  
 GENBANK-AF167337; GENBANK-AF167338; GENBANK-AF167339; GENBANK-AF167340;  
 GENBANK-AF167341; GENBANK-AF167342; GENBANK-AF167343  
 EM 200006  
 ED Entered STN: 20000616  
 Last Updated on STN: 20000616  
 Entered Medline: 20000607

L3 ANSWER 15 OF 45 MEDLINE  
 AN 2000173200 MEDLINE  
 DN 20173200 PubMed ID: 10709966  
 TI Neither acute nor chronic exposure to a naturalistic (predator) stressor  
 influences the interleukin-1beta system, tumor necrosis factor-alpha,  
 transforming growth factor-beta1, and neuropeptide mRNAs in specific brain  
 regions.  
 AU Plata-Salaman C R; Ilyin S E; Turrin N P; Gayle D; Flynn M C; Bedard T;  
 Merali Z; Anisman H  
 CS Molecular Biology, School of Life and Health Sciences, University of  
 Delaware, Newark 19716-2590, USA.. crps@udel.edu  
 SO BRAIN RESEARCH BULLETIN, (2000 Jan 15) 51 (2) 187-93.  
 Journal code: 7605818. ISSN: 0361-9230.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200003  
 ED Entered STN: 20000407  
 Last Updated on STN: 20000407  
 Entered Medline: 20000330

L3 ANSWER 16 OF 45 MEDLINE  
 AN 2000153699 MEDLINE  
 DN 20153699 PubMed ID: 10686345  
 TI Kindling modulates the IL-1beta system, TNF-alpha, TGF-beta1, and  
 neuropeptide mRNAs in specific brain regions.  
 AU Plata-Salaman C R; Ilyin S E; Turrin N P; Gayle D; Flynn M C; Romanovitch  
 A E; Kelly M E; Bureau Y; Anisman H; McIntyre D C  
 CS Division Molecular Biology, School of Life and Health Sciences, University  
 of Delaware, Newark, DE, USA.. cplataSa@prius@jnj.com  
 SO BRAIN RESEARCH. MOLECULAR BRAIN RESEARCH, (2000 Feb 22) 75 (2) 248-58.  
 Journal code: 8908640. ISSN: 0169-328X.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200004  
 ED Entered STN: 20000505  
 Last Updated on STN: 20000505  
 Entered Medline: 20000421

L3 ANSWER 17 OF 45 MEDLINE  
 AN 1999411723 MEDLINE  
 DN 99411723 PubMed ID: 10483922  
 TI Persistent Borna disease virus infection of neonatal rats causes brain  
 regional changes of mRNAs for cytokines, cytokine receptor components and  
 neuropeptides.  
 AU Plata-Salaman C R; Ilyin S E; Gayle D; Romanovitch A; Carbone K M  
 CS Division of Molecular Biology, School of Life and Health Sciences,  
 University of Delaware, Newark, USA.. CplataSa@prius.jnj.com

NC MH 48948 (NIMH)  
 SO BRAIN RESEARCH BULLETIN, (1999 Aug) 49 (6) 441-51.  
 Journal code: 7605818. ISSN: 0361-9230.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199910  
 ED Entered STN: 19991101  
 Last Updated on STN: 19991101  
 Entered Medline: 19991018

L3 ANSWER 18 OF 45 MEDLINE  
 AN 1999400548 MEDLINE  
 DN 99400548 PubMed ID: 10471494  
 TI A new member of the IL-1 receptor family highly expressed in hippocampus  
 and involved in X-linked mental retardation.  
 AU Carrie A; Jun L; Bienvenu T; Vinet M C; McDonell N; Couvert P; Zemni R;  
 Cardona A; Van Buggenhout G; Frints S; Hamel B; Moraine C; Ropers H H;  
 Strom T; Howell G R; Whittaker A; Ross M T; Kahn A; Fryns J P; Beldjord C;  
 Marynen P; Chelly J  
 CS INSERM Unite 129-ICGM, CHU Cochin, 24 Rue du Faubourg Saint Jacques, 75014  
 Paris, France.  
 SO NATURE GENETICS, (1999 Sep) 23 (1) 25-31.  
 Journal code: 9216904. ISSN: 1061-4036.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-AC005748; GENBANK-AJ243874; GENBANK-AL031575  
 EM 199909  
 ED Entered STN: 19991005  
 Last Updated on STN: 20000303  
 Entered Medline: 19990923

L3 ANSWER 19 OF 45 MEDLINE  
 AN 1999303772 MEDLINE  
 DN 99303772 PubMed ID: 10373529  
 TI Activation of phosphatidylinositol 3-kinase in response to interleukin-1  
 leads to phosphorylation and activation of the NF-kappaB p65/RelA subunit.  
 AU Sizemore N; Leung S; Stark G R  
 CS Department of Molecular Biology, Lerner Research Institute, The Cleveland  
 Clinic Foundation, Cleveland, Ohio 44195, USA.  
 SO MOLECULAR AND CELLULAR BIOLOGY, (1999 Jul) 19 (7) 4798-805.  
 Journal code: 8109087. ISSN: 0270-7306.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199907  
 ED Entered STN: 19990730  
 Last Updated on STN: 20021219  
 Entered Medline: 19990722

L3 ANSWER 20 OF 45 MEDLINE  
 AN 1999283959 MEDLINE  
 DN 99283959 PubMed ID: 10357067  
 TI Brain tumor development in rats is associated with changes in central  
 nervous system cytokine and neuropeptide systems.  
 AU Ilyin S E; Gayle D; Gonzalez-Gomez I; Miele M E; Plata-Salaman C R  
 CS Division of Molecular Biology, School of Life and Health Sciences,  
 University of Delaware, Newark, USA.  
 SO BRAIN RESEARCH BULLETIN, (1999 Mar 1) 48 (4) 363-73.



Journal code: 7605818. ISSN: 0361-9230.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199907  
ED Entered STN: 19990806  
Last Updated on STN: 19990806  
Entered Medline: 19990723

L3 ANSWER 21 OF 45 MEDLINE  
AN 1999244603 MEDLINE  
DN 99244603 PubMed ID: 10226066  
TI Extracellular regulation of interleukin (IL)-1beta through lung epithelial cells and defective IL-1 type II receptor expression.  
AU Coulter K R; Wewers M D; Lowe M P; Knoell D L  
CS Departments of Pharmacy and Internal Medicine, College of Pharmacy, and Pulmonary and Critical Care Division, College of Medicine, Ohio State University, Columbus, Ohio, USA.  
NC HL40871 (NHLBI)  
HL56336 (NHLBI)  
SO AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY, (1999 May) 20 (5) 964-75.

Journal code: 8917225. ISSN: 1044-1549.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199906  
ED Entered STN: 19990618  
Last Updated on STN: 19990618  
Entered Medline: 19990607

L3 ANSWER 22 OF 45 MEDLINE  
AN 1999209808 MEDLINE  
DN 99209808 PubMed ID: 10195433  
TI Constitutive expression of interleukin-1beta (IL-1beta) in rat oligodendrocytes.  
AU Blasi F; Riccio M; Brogi A; Strazza M; Taddei M L; Romagnoli S; Luddi A; D'Angelo R; Santi S; Costantino-Ceccarini E; Melli M  
CS Dipartimento Biologia Evoluzionistica Sperimentale, Universita di Bologna, Italy.  
SO BIOLOGICAL CHEMISTRY, (1999 Feb) 380 (2) 259-64.  
Journal code: 9700112. ISSN: 1431-6730.

CY GERMANY: Germany, Federal Republic of  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199906  
ED Entered STN: 19990614  
Last Updated on STN: 19990614  
Entered Medline: 19990603

L3 ANSWER 23 OF 45 MEDLINE  
AN 1999208678 MEDLINE  
DN 99208678 PubMed ID: 10191101  
TI Interleukin-1 receptor cluster: gene organization of IL1R2, IL1R1, IL1RL2 (IL-1Rrp2), IL1RL1 (T1/ST2), and IL18R1 (IL-1Rrp) on human chromosome 2q.  
AU Dale M; Nicklin M J  
CS Division of Molecular and Genetic Medicine, University of Sheffield, Royal Hallamshire Hospital, Sheffield, S10 2JF, United Kingdom.  
SO GENOMICS, (1999 Apr 1) 57 (1) 177-9.  
Journal code: 8800135. ISSN: 0888-7543.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199906  
ED Entered STN: 19990614  
Last Updated on STN: 19990614  
Entered Medline: 19990603

L3 ANSWER 24 OF 45 MEDLINE  
AN 1999120479 MEDLINE  
DN 99120479 PubMed ID: 9923604  
TI Interleukin-lbeta activates a short STAT-3 isoform in clonal  
insulin-secreting cells.  
AU Morton N M; de Groot R P; Cawthorne M A; Emilsson V  
CS Clore Laboratory, The University of Buckingham, UK.  
SO FEBS LETTERS, (1999 Jan 8) 442 (1) 57-60.  
Journal code: 0155157. ISSN: 0014-5793.

CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199902  
ED Entered STN: 19990223  
Last Updated on STN: 19990223  
Entered Medline: 19990211

L3 ANSWER 25 OF 45 MEDLINE  
AN 1999077555 MEDLINE  
DN 99077555 PubMed ID: 9862719  
TI The type II IL-1 receptor interacts with the **IL-1  
receptor accessory protein**: a novel mechanism  
of regulation of IL-1 responsiveness.  
AU Lang D; Knop J; Wesche H; Raffetseder U; Kurrle R; Boraschi D; Martin M U  
CS Molekularpharmakologie, Medizinische Hochschule Hannover, Germany.  
SO JOURNAL OF IMMUNOLOGY, (1998 Dec 15) 161 (12) 6871-7.  
Journal code: 2985117R. ISSN: 0022-1767.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 199901  
ED Entered STN: 19990209  
Last Updated on STN: 19990209  
Entered Medline: 19990122

L3 ANSWER 26 OF 45 MEDLINE  
AN 1999036426 MEDLINE  
DN 99036426 PubMed ID: 9820540  
TI **IL-1 receptor accessory  
protein** is an essential component of the IL-1 receptor.  
AU Cullinan E B; Kwee L; Nunes P; Shuster D J; Ju G; McIntyre K W; Chizzonite  
R A; Labow M A  
CS Chrysalis, Princeton, NJ 08540, USA.  
NC F32-HD07855 (NICHD)  
SO JOURNAL OF IMMUNOLOGY, (1998 Nov 15) 161 (10) 5614-20.  
Journal code: 2985117R. ISSN: 0022-1767.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 199812  
ED Entered STN: 19990115

Last Updated on STN: 19990115  
Entered Medline: 19981207

L3 ANSWER 27 OF 45 MEDLINE  
AN 1999030141 MEDLINE  
DN 99030141 PubMed ID: 9811530  
TI Divergent effects of LPS on expression of IL-1 receptor family members in mononuclear phagocytes in vitro and in vivo.  
AU Saccani S; Polentarutti N; Penton-Rol G; Sims J E; Mantovani A  
CS Department of Immunology and Cell Biology, Istituto di Ricerche Farmacologiche "Mario Negri", Centro Daniela e Catullo Borgomainerio, 20157 Milano, Italy.  
SO CYTOKINE, (1998 Oct) 10 (10) 773-80.  
Journal code: 9005353. ISSN: 1043-4666.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199901  
ED Entered STN: 19990115  
Last Updated on STN: 20021019  
Entered Medline: 19990106

L3 ANSWER 28 OF 45 MEDLINE  
AN 1999020920 MEDLINE  
DN 99020920 PubMed ID: 9841485  
TI Cafeteria feeding induces interleukin-1beta mRNA expression in rat liver and brain.  
AU Hansen M K; Taishi P; Chen Z; Krueger J M  
CS Department of Physiology and Biophysics, The University of Tennessee, Memphis, Tennessee 38163, USA.  
NC NS-25378 (NINDS)  
NS-27250 (NINDS)  
NS-31453 (NINDS)  
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SO AMERICAN JOURNAL OF PHYSIOLOGY, (1998 Jun) 274 (6 Pt 2) R1734-9.  
Journal code: 0370511. ISSN: 0002-9513.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199811  
ED Entered STN: 19990106  
Last Updated on STN: 19990106  
Entered Medline: 19981105

L3 ANSWER 29 OF 45 MEDLINE  
AN 1998344713 MEDLINE  
DN 98344713 PubMed ID: 9681388  
TI Interleukin-1-mediated febrile responses in mice and interleukin-1 beta activation of NFkappaB in mouse primary astrocytes, involves the interleukin-1 receptor accessory protein.  
AU Zetterstrom M; Lundkvist J; Malinowsky D; Eriksson G; Bartfai T  
CS Department of Neurochemistry and Neurotoxicology, The Arrhenius Laboratories for Natural Sciences, Stockholm University, Sweden.  
SO EUROPEAN CYTOKINE NETWORK, (1998 Jun) 9 (2) 131-8.  
Journal code: 9100879. ISSN: 1148-5493.  
CY France  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199810  
ED Entered STN: 19981029

Last Updated on STN: 19981029  
Entered Medline: 19981020

L3 ANSWER 30 OF 45 MEDLINE  
AN 1998324814 MEDLINE  
DN 98324814 PubMed ID: 9662437  
TI Effects of **IL-1 receptor accessory protein** on IL-1 binding.  
AU Wesche H; Resch K; Martin M U  
CS Institut fur Molekularpharmakologie, Medizinische Hochschule Hannover, Germany.  
SO FEBS LETTERS, (1998 Jun 16) 429 (3) 303-6.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199807  
ED Entered STN: 19980811  
Last Updated on STN: 19980811  
Entered Medline: 19980729

L3 ANSWER 31 OF 45 MEDLINE  
AN 1998324813 MEDLINE  
DN 98324813 PubMed ID: 9662436  
TI Interleukin-1 receptor accessory protein interacts with the type II interleukin-1 receptor.  
AU Malinowsky D; Lundkvist J; Laye S; Bartfai T  
CS Department of Neurochemistry and Neurotoxicology, The Arrhenius Laboratories for Natural Sciences, Stockholm University, Sweden.  
SO FEBS LETTERS, (1998 Jun 16) 429 (3) 299-302.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199807  
ED Entered STN: 19980811  
Last Updated on STN: 19980811  
Entered Medline: 19980729

L3 ANSWER 32 OF 45 MEDLINE  
AN 1998281977 MEDLINE  
DN 98281977 PubMed ID: 9620655  
TI Signal transduction pathways activated by the IL-1 receptor family: ancient signaling machinery in mammals, insects, and plants.  
AU O'Neill L A; Greene C  
CS Department of Biochemistry and the National Pharmaceutical Biotechnology Center, Trinity College Dublin, Ireland.  
SO JOURNAL OF LEUKOCYTE BIOLOGY, (1998 Jun) 63 (6) 650-7. Ref: 53  
Journal code: 8405628. ISSN: 0741-5400.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals; Space Life Sciences  
EM 199806  
ED Entered STN: 19980708  
Last Updated on STN: 19980708  
Entered Medline: 19980625

L3 ANSWER 33 OF 45 MEDLINE

AN 1998230648 MEDLINE  
 DN 98230648 PubMed ID: 9570721  
 TI Interleukin-1beta system (ligand, receptor type I, receptor accessory protein and receptor antagonist), TNF-alpha, TGF-beta1 and neuropeptide Y mRNAs in specific brain regions during bacterial LPS-induced anorexia.  
 AU Ilyin S E; Gayle D; Flynn M C; Plata-Salaman C R  
 CS Division of Molecular Biology, School of Life and Health Sciences, University of Delaware, Newark 19716-2590, USA.  
 SO BRAIN RESEARCH BULLETIN, (1998 Mar 15) 45 (5) 507-15.  
 Journal code: 7605818. ISSN: 0361-9230.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199806  
 ED Entered STN: 19980618  
 Last Updated on STN: 19980618  
 Entered Medline: 19980609

L3 ANSWER 34 OF 45 MEDLINE  
 AN 1998189759 MEDLINE  
 DN 98189759 PubMed ID: 9531272  
 TI Antibodies to domains II and III of the **IL-1 receptor accessory protein** inhibit IL-1 beta activity but not binding: regulation of IL-1 responses is via type I receptor, not the accessory protein.  
 AU Yoon D Y; Dinarello C A  
 CS Division of Infectious Diseases, University of Colorado Health Sciences Center, Denver 80262, USA.  
 NC AI-15614 (NIAID)  
 SO JOURNAL OF IMMUNOLOGY, (1998 Apr 1) 160 (7) 3170-9.  
 Journal code: 2985117R. ISSN: 0022-1767.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Abridged Index Medicus Journals; Priority Journals  
 EM 199804  
 ED Entered STN: 19980430  
 Last Updated on STN: 19980430  
 Entered Medline: 19980421

L3 ANSWER 35 OF 45 MEDLINE  
 AN 1998151409 MEDLINE  
 DN 98151409 PubMed ID: 9482809  
 TI Vagotomy blocks the induction of interleukin-1beta (IL-1beta) mRNA in the brain of rats in response to systemic IL-1beta.  
 AU Hansen M K; Taishi P; Chen Z; Krueger J M  
 CS Department of Physiology and Biophysics, The University of Tennessee, Memphis, Tennessee 38163, USA.  
 NC NS25378 (NINDS)  
 NS27250 (NINDS)  
 NS31453 (NINDS)  
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 SO JOURNAL OF NEUROSCIENCE, (1998 Mar 15) 18 (6) 2247-53. Ref: 48  
 Journal code: 8102140. ISSN: 0270-6474.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 199804  
 ED Entered STN: 19980422

Last Updated on STN: 19980422  
Entered Medline: 19980413

L3 ANSWER 36 OF 45 MEDLINE  
AN 1998058729 MEDLINE  
DN 98058729 PubMed ID: 9371760  
TI Recruitment of IRAK to the interleukin 1 receptor complex requires  
interleukin 1 receptor accessory protein.  
AU Huang J; Gao X; Li S; Cao Z  
CS Tularik, Inc., South San Francisco, CA 94080, USA.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (1997 Nov 25) 94 (24) 12829-32.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF029213  
EM 199801  
ED Entered STN: 19980122  
Last Updated on STN: 19980122  
Entered Medline: 19980108

L3 ANSWER 37 OF 45 MEDLINE  
AN 1998010609 MEDLINE  
DN 98010609 PubMed ID: 9346915  
TI Activation of acid sphingomyelinase by interleukin-1 (IL-1) requires the  
**IL-1 receptor accessory  
protein.**  
AU Hofmeister R; Wiegmann K; Korherr C; Bernardo K; Kronke M; Falk W  
CS Department of Internal Medicine I, University of Regensburg, 93042  
Regensburg, Germany.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Oct 31) 272 (44) 27730-6.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980109  
Last Updated on STN: 19980109  
Entered Medline: 19971209

L3 ANSWER 38 OF 45 MEDLINE  
AN 97464734 MEDLINE  
DN 97464734 PubMed ID: 9323447  
TI Central nervous system IL-1 beta system and neuropeptide Y mRNAs during  
IL-1 beta-induced anorexia in rats.  
AU Gayle D; Ilyin S E; Plata-Salaman C R  
CS Division of Molecular Biology, School of Life and Health Sciences,  
University of Delaware, Newark 19716-2590, USA.  
SO BRAIN RESEARCH BULLETIN, (1997) 44 (3) 311-7.  
Journal code: 7605818. ISSN: 0361-9230.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199711  
ED Entered STN: 19971224  
Last Updated on STN: 19990129  
Entered Medline: 19971106

L3 ANSWER 39 OF 45 MEDLINE

AN 97445787 MEDLINE  
 DN 97445787 PubMed ID: 9302075  
 TI Interleukin-1beta (IL-1beta)-induced modulation of the hypothalamic IL-1beta system, tumor necrosis factor-alpha, and transforming growth factor-beta mRNAs in obese (fa/fa) and lean (Fa/Fa) Zucker rats: implications to IL-1beta feedback systems and cytokine-cytokine interactions.  
 AU Plata-Salaman C R; Ilyin S E  
 CS Division of Molecular Biology, School of Life and Health Sciences, University of Delaware, Newark 19716-2590, USA.. crps@udel.edu  
 SO JOURNAL OF NEUROSCIENCE RESEARCH, (1997 Sep 1) 49 (5) 541-50.  
 Journal code: 7600111. ISSN: 0360-4012.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199710  
 ED Entered STN: 19971105  
 Last Updated on STN: 19971105  
 Entered Medline: 19971023

L3 ANSWER 40 OF 45 MEDLINE  
 AN 97361357 MEDLINE  
 DN 97361357 PubMed ID: 9218251  
 TI Interleukin-1 receptor accessory protein transcripts in the brain and spleen: kinetics after peripheral administration of bacterial lipopolysaccharide in mice.  
 AU Gabellec M M; Jafarian-Tehrani M; Griffais R; Haour F  
 CS Unite de Pharmacologie Neuro-Immuno-Endocrinienne, Institut Pasteur, Paris, France.. mung@pasteur.fr  
 SO NEUROIMMUNOMODULATION, (1996 Sep-Oct) 3 (5) 304-9.  
 Journal code: 9422763. ISSN: 1021-7401.  
 CY Switzerland  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199710  
 ED Entered STN: 19971013  
 Last Updated on STN: 19971013  
 Entered Medline: 19971002

L3 ANSWER 41 OF 45 MEDLINE  
 AN 97223490 MEDLINE  
 DN 97223490 PubMed ID: 9070311  
 TI HIV-1 gp120 modulates hypothalamic cytokine mRNAs in vivo: implications to cytokine feedback systems.  
 AU Ilyin S E; Plata-Salaman C R  
 CS Division of Molecular Biology, School of Life and Health Sciences, University of Delaware, Newark 19716-2590, USA.  
 SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1997 Feb 13) 231 (2) 514-8.  
 Journal code: 0372516. ISSN: 0006-291X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals; AIDS  
 EM 199704  
 ED Entered STN: 19970424  
 Last Updated on STN: 19970424  
 Entered Medline: 19970417

L3 ANSWER 42 OF 45 MEDLINE  
 AN 97218200 MEDLINE

DN 97218200 PubMed ID: 9065432  
TI The interleukin-1 receptor accessory protein (IL-1RAcP) is essential for  
IL-1-induced activation of interleukin-1 receptor-associated kinase (IRAK)  
and stress-activated protein kinases (SAP kinases).  
AU Wesche H; Korherr C; Kracht M; Falk W; Resch K; Martin M U  
CS Department of Molecular Pharmacology, Medical School Hannover, D-30623  
Hannover, Germany.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Mar 21) 272 (12) 7727-31.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199704  
ED Entered STN: 19970506  
Last Updated on STN: 19970506  
Entered Medline: 19970418

L3 ANSWER 43 OF 45 MEDLINE  
AN 96326617 MEDLINE  
DN 96326617 PubMed ID: 8706893  
TI Co-expression of mRNA for type I and type II interleukin-1 receptors and  
the **IL-1 receptor accessory**  
**protein** correlates to IL-1 responsiveness.  
AU Wesche H; Neumann D; Resch K; Martin M U  
CS Institut fur klinische Molekularpharmakologie, Medizinische Hochschule  
Hannover, Germany.  
SO FEBS LETTERS, (1996 Aug 5) 391 (1-2) 104-8.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960919  
Last Updated on STN: 19970203  
Entered Medline: 19960912

L3 ANSWER 44 OF 45 MEDLINE  
AN 95403448 MEDLINE  
DN 95403448 PubMed ID: 7673234  
TI Insertion of a structural domain of interleukin (IL)-1 beta confers  
agonist activity to the IL-1 receptor antagonist. Implications for IL-1  
bioactivity.  
AU Greenfeder S A; Varnell T; Powers G; Lombard-Gillooly K; Shuster D;  
McIntyre K W; Ryan D E; Levin W; Madison V; Ju G  
CS Department of Inflammation/Autoimmune Diseases, Hoffman-La Roche Inc.,  
Nutley, New Jersey 07110, USA.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Sep 22) 270 (38) 22460-6.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199510  
ED Entered STN: 19951026  
Last Updated on STN: 19951026  
Entered Medline: 19951017

L3 ANSWER 45 OF 45 MEDLINE  
AN 95293970 MEDLINE  
DN 95293970 PubMed ID: 7775431  
TI Molecular cloning and characterization of a second subunit of the



interleukin 1 receptor complex.

AU Greenfeder S A; Nunes P; Kwee L; Labow M; Chizzonite R A; Ju G  
CS Department of Inflammation/Autoimmune Diseases, Roche Research Center,  
Hoffmann-La Roche Inc., Nutley, New Jersey 07110, USA.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Jun 9) 270 (23) 13757-65.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-X85999  
EM 199507  
ED Entered STN: 19950720  
Last Updated on STN: 19980206  
Entered Medline: 19950710